

# Celso Agner, MD, MS, MSc

## Curriculum Vitae

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***PERSONAL***

Citizenship: U.S.A.

Birthdate: 10/10/1968

Birthplace: Santos, Sao Paulo, Brazil

Marital Status: Married, Yanina Agner

Children: Annabella Tatyana Agner

Email address: [celso.agner@gmail.com](mailto:celso.agner@gmail.com)

*EDUCATION*

**01/1976 till 12/1983**

**Primary School**

**Prof Maria Luiza Ferrari Cicero**

Sao Bernardo do Campo, Sao Paulo, Brazil

**01/1984 till 12/1986**

**B.S. in Biology**

Colegio Bandeirantes

Sao Paulo, Brazil

*MEDICAL EDUCATION*

**01/1987 till June 23, 1993**

**Faculty of Medicine of the University of São Paulo, Brazil**

Doctor of Medicine (M.D.)

*POST-GRADUATE EDUCATION*

**September, 1997 to March, 2000 (thesis defense and graduation in 2000; course work and research taken until 6/1999)**

**Master of Science**

**Thesis: Attenuation of Chronic Pain in Rats by Omental Transposition to the Spinal Cord**

**Majored in Anatomy and Cell Biology**

Department of Anatomy and Cell Biology

University of Illinois Chicago

Advisor: Professor David C. Yeomans, PhD (currently Associate Professor of Anesthesia at Stanford Medical School)

**April 2007 till November 2008 (4 weeks in Thailand, taken as professional leave while at UIC's Neurosurgery staff)**

**Master of Science**

**International Diploma in Neurovascular Diseases**

Course taken in Thailand, with joint cooperation between Mahidol University, Bangkok, Thailand and Université Bicêtre, Paris, France

Advisor: Professor Pierre Lasjaunias, M.D., PhD (Former president of the World Federation of Interventional and Therapeutic Neuroradiology, deceased 7/2008)

*RESIDENCY TRAINING*

**January to June, 1995**

**Neurosurgery – Brazil**

Not completed, while entertaining a residency position in the U.S.A.  
Hospital Benemerita e Real Sociedade Portuguesa de Beneficencia  
Sao Paulo, Brazil

July 1<sup>st</sup>, 1999 to June 30<sup>th</sup>, 2000

**Internal Medicine Internship**

Albany Medical College  
Albany, NY

July 1<sup>st</sup>, 2000 to June 30<sup>th</sup>, 2003

**Neurology Residency**

Albany Medical Center  
Albany, NY

*FELLOWSHIP TRAINING*

**February, 1996 to August, 1997**

**Research Fellowship**

Department of Neurosurgery  
University of Illinois at Chicago  
Advisor: Professor Manuel Dujovny, MD

**July 1<sup>st</sup>, 2003 to June 30<sup>th</sup>, 2004**

**Neurological Critical Care/ Stroke Fellowship**

Department of Neurology  
Advisor: Gary L. Bernardini, M.D., Ph.D.  
Albany Medical Center  
Albany, NY

**July 1<sup>st</sup>, 2004 to June 30, 2006**

**Neuroendovascular Surgery Fellowship**

Department of Neurosurgery  
Advisor: Alan S. Boulos, M.D.  
Albany Medical Center  
Albany, NY

**July 2009 till June 2010**

**Interventional Neurology Visiting Fellowship (12 weeks, 1 week a month)**

Medical College of Wisconsin  
Advisor: Brian F. Fitzsimmons, M.D.  
Milwaukee, WI

## ***RESEARCH***

1990

### **Department of Pathology**

Investigation of changes in mucociliary transport upon exposure to environmental toxins in rats

Advisor: Professor Gyorgi Bohm, MD, PhD

University of Sao Paulo, Brazil

March, 1990 to December, 1993

### **Department of Pathology**

Neuropathological Diseases in the State of Sao Paulo -1945 till 1989

Investigation of the demographic, populational, and pathological distribution of diseases in the city of Sao Paulo, Brazil, based upon pathological autopsy data

Advisor: Professor Ana Maria C. Tsanaclis, M.D., PhD

University of São Paulo, Brazil

1990-1991

### **Department of Physiology**

Mechanisms of Seizure Spreading after stereotaxic application of Kainic acid into the cat's cingulum

Advisor: Professor Arthur Cukiert, M.D.

University of São Paulo, Brazil

1990-1994

### **Department of Neurosurgery**

Evaluation of medical and surgical options for management of patients with trigeminal neuralgia, glossopharyngeal neuralgia, Eagle's syndrome, evaluation of peridural analgesic systems, microsurgical anatomical variations of the circle of Willis, and morphometric variations of corpus callosum in autopsy cases at University of Sao Paulo's Hospital

Advisor: Professor Manoel Jacobsen Teixeira, M.D., PhD (currently Chief of Neurosurgery at University of Sao Paulo Hospital)

University of Sao Paulo, Brazil

1990-2015

### **Department of Neurosurgery**

Development of novel craniotomy approaches and variations for anterior skull base surgeries, investigation of proliferative rates of meningiomas and prediction of malignancy, investigation of clinical manifestation of pituitary neoplasm brain metastases, mechanism of traumatic hemispheric edema

Advisor: Professor Paulo Henrique P. de Aguiar, M.D., PhD (currently adjunct Professor of Neurosurgery, University of Sao Paulo's Hospital)

University of Sao Paulo, Brazil

February, 1996 to September, 1997

**Research fellow**

Investigation on cerebral blood flow changes before and after cranioplasty, development of large cranial prostheses, study of cerebral hemodynamic changes after diverse maneuvers with stable Xenon CT, development of prostheses for large cranial defects in humans utilizing stereolithography and reverse engineering, utilization of transcranial cerebral oximetry in measurement of oxygen saturations in diverse clinical conditions, including arteriovenous malformations, cerebral arterial vasospasm, and before and after endovascular neurosurgical interventions.

Advisor: Professor Manuel Dujovny, M.D.

Department of Neurosurgery

University of Illinois at Chicago

**September, 1997 to June, 1999**

Thesis: Transposition of the Greater Omentum onto the rat's spinal cord for modulation of chronic pain (defense in 2000)

Department of Anatomy and Cell Biology

Advisor: Prof. David C. Yeomans, PhD (currently Associate Professor of Anesthesia at Stanford University)

University of Illinois at Chicago

**2000-2003**

Evaluation of prevalence of pediatric stroke associated with child abuse, investigation of manifestation of CNS vasculitis as a differential diagnosis in patients with spinal cord diseases

Advisor: Prof. Samuel Kozser, M.D. (Assistant Professor of Neurology, Albany Medical Center)

Department of Neurology

Albany Medical Center

Albany, NY

**2002-2004**

Investigation of diverse sedation, nutrition, and ventilation protocols in the Neurological ICU

Advisor: Prof. Gary L. Bernardini, M.D., PhD (Professor of Neurology and Neurosurgery, Albany Medical Center)

Department of Neurology

Albany Medical Center

Albany, NY

## **2004-2006**

Endovascular stroke model in canines

Endovascular infusion of autologous clot into the dog's middle cerebral artery, observation of infarct sizes, and determination of possible neuroprotective mechanisms

Advisor: Prof. Alan S. Boulos, M.D. (currently, chairman of Neurosurgery at Albany Medical Center)

Department of Neurosurgery

Albany Medical Center

Albany, NY

## ***GRANTS***

1991

Grant: "Neurological diseases in the state of São Paulo - 1945 to 1989"

Department of Pathology

University of São Paulo, São Paulo - Brazil

2003

Sub-investigator

Phase II Randomized, Pharmacokinetic, Dose Finding, and Dose Frequency Determination Using rt-PA in Intraventricular Hemorrhage

FDA approved grant IND # 8523

## ***MEMBERSHIP IN SOCIETIES***

**American Academy of Neurology**

**American Stroke Association**

**Neurocritical Care Society**

**Society of Interventional Neurology**

**Society of Neurointerventional Surgery**

**Critical Care Society**

**Florida Medical Association**

## ***BOOK REVIEWS***

**1997- 2012**

**Doody Publishers**

Book reviewer for Neurology and Neurosurgery

285 book reviews published to date

**2000-2003**

**Journal of Neurological Sciences**

Book Reviewer

30 Book Reviews published

## ***EDITORIAL BOARDS***

2009

Guest Editor

Neurological Research

Cerebral Vasospasm Special Issue

2010 till present

Editorial Board

*Neurological Research*

## ***PEER REVIEW JOURNAL REVIEWER***

1996-present

Peer reviewer

Neurological Research

2006-present

Peer reviewer for Neurology articles (Stroke/endovascular)

Stroke

2006-2009

Peer reviewer for Neurology articles

Surgical Neurology

2000-2003

Peer reviewer

Journal of Neurological Sciences

## ***HONORS AND AWARDS***

1990

Monograph prize (1<sup>st</sup> place)

"Mucociliary transport - clinical implications and research methods"

IX Medical - Academic Congress

University of São Paulo, Brazil

2000

Travel Award - American Neurological Association, Boston, MA

Elected based upon excellence in academic achievement during Neurology residency



2002

Alpha Omega Alpha (Theta chapter)

Awarded as the one of the most productive Neurology resident at Albany Medical College

2015

Care Warrior Broward Health

Awarded to outstanding physicians at Broward Health Medical Center

2016

Most Valuable Physician Broward Health North

Yearly, two doctors are selected throughout the hospital and awarded due to outstanding clinical work

U.S.M.L.E. TESTS

**U.S.M.L.E. Step I**

September 22, 1993 (79)

**U.S.M.L.E. Step II**

September 9, 1993 (76) and October 16, 2004 (80 – licensing requirement in IL with 7 year gap rule)

**U.S.M.L.E. Step III**

May 14, 2002 (82)

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LICENSES

**New York**

**NY license 227395**

Issued: January 21, 2003

Expiration: 09/30/2011

**Illinois**

**IL license 36116408**

Issued: July 7, 2006

Expiration: 07/31/2011

Controlled Substances Number: 336.077621

**Washington**

**Washington Medical Quality Assurance: MD60013021**

Issued: June 9, 2009

Expiration: 10/10/2011

**Wisconsin**

**Wisconsin Medical License – 35131-020**

Issued: May 2009

Expiration: 10/31/2011

**Michigan**

**Michigan State Medical License – L1900656**

Issued: 01/31/2011

Expiration: 01/31/2015

**Florida**

**Department of Health – Division of Medical Quality Assurance: ME 117153**

Issued: 8/8/2013

Expiration: 1/31/2022

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**UPIN, NPI, and Medicaid Numbers**

**UPIN – H85073**

**NPI – 1194728964**

**Medicaid - 02408684**

## BOARD AND OTHER CERTIFICATION

### **Diplomate American Board of Neurology and Psychiatry**

Issued: June 6, 2004

Expiration: Recertified in 2014 (expiration 2024)

### **Diplomate Vascular Neurology Board**

Issued: July, 2008

Expiration: July, 2028 (recertified in 2018)

### **Diplomate - International Masters in Interventional Neuroradiology**

Universite Bicetre, Paris- France

Mahidol University, Bangkok-Thailand

November 2008

### **Diplomate – CAST (Committee on Advanced Subspecialty Training) in Neuroendovascular Surgery (NES)**

September 2016

*VOLUNTEER/COMMUNITY ACTIVITIES*

1989 - 1992

League against epilepsy

**Assisted on the clinical management and surgical selection of patients with partial or generalized forms of epilepsy**

Department of Neurology

Faculty of Medicine

University of São Paulo, São Paulo - Brazil

1990 - 1993

**League against headache and craniofacial pain**

Assisted on the clinical management and surgical selection of patients with craniofacial pain

President 1992-1993

Department of Neurology

Faculty of Medicine

University of São Paulo, São Paulo - Brazil

1996-1999

**International Head-first Program**

Assisted on dissemination of information about head injury prevention to major schools in Chicago area

Department of Neurosurgery

University of Illinois at Chicago

2000-2004

**Book donation to developing nations program**

Donated multiple Neuroscience books to Albany Medical Center library and, jointly, allowed exchange of important material to developing nations, including Latin America, Asia, and Africa

Albany Medical College

Albany, NY

## TEACHING EXPERIENCE

Summer 1989

**Teaching Assistant in General I.C.U.**

Medical students

Hospital das Clínicas

University of São Paulo

São Paulo - Brazil

March to April, 1990

**Teaching assistant in Neuroanatomy**

2<sup>nd</sup> year Medical students

Department of Anatomy and Cell Biology

University of São Paulo

São Paulo – Brazil

March to April, 1990

**Teaching assistant in General Operative Surgery**

3<sup>rd</sup> year Medical students

Department of Surgery

University of São Paulo

São Paulo - Brazil

Spring 1997

**Teaching Assistant in Neuroanatomy**

1<sup>st</sup> year medical students

Department of Anatomy and Cell Biology

University of Illinois at Chicago

Chicago, IL

Fall 1997 and 1998

**Teaching Assistant in Gross Anatomy**

Physical therapy and biomedical visualization course

Department of Anatomy and Cell Biology

University of Illinois at Chicago

Chicago, IL

- **Clinical Sessions for Albany Medical College Physician Assistant Program (Albany, NY)**
  - Taught multiple Neurology topics while at AMC's Neurology residency program
    - April 4, 2001- **Infections of the brain and Spinal Cord**
    - April 5, 2002 - **Intracranial Masses**
    - March 31, 2003 - **Intracranial Masses**
    - March 21, 2003 - **Disorders of Cerebral Circulation**
    - April 2, 2003 - **Demyelinating disorders**

May 2003

**Management of intracranial aneurysms – from observation to minimal invasion**

Grand rounds to Neurology and Neurosurgery staff

Albany Medical Center

Albany, NY

September 2003

**Management of Intracranial Hypertension**

Neurology residents

Albany Medical Center

Albany, NY

January 2004

**Current concepts on the management of intracranial hemorrhage**

Grand rounds to Neurology and Neurosurgery staff

Albany Medical Center

Albany, NY

May 2005

**Albany Experience with Hydrocoils for the Management of Intracranial Aneurysms**

Grand Rounds to Neurosurgery staff

Escola Paulista de Medicina

Sao Paulo, SP

Brazil

May 2005

**Interventional Management of Stroke**

Grand Rounds to Neurosurgery staff

Escola Paulista de Medicina

Sao Paulo, SP

Brazil

July 2006 to August 2008 (Fridays)

**Neuroendovascular Grand Rounds**

Provena St Joseph's Medical Center – Joliet, IL

March 2008

**Grand Rounds: Historical Overview of the Endovascular Management of Intracranial Aneurysms**

University of Chicago Hospitals

October 2008

**Grand Rounds: Interventional Management of Acute Ischemic Strokes**

University of Sao Paulo Medical School – Neurosurgery (Brazil)

May 2009

**Grand Rounds: Evidence Based Medical Management of Acute Ischemic Strokes**

Advocate Trinity Hospital, Chicago, IL

July 9<sup>th</sup>, 2010

**Grand Rounds: Historical evolution of management of intracranial aneurysms**

Lahey Clinic

Boston, MA

July 15<sup>th</sup>, 2010

**Grand Rounds: Historical evolution of management of intracranial aneurysms**

Ochsner Clinic

New Orleans, LA

May 2011

**Grand Rounds: Interventional Management of Acute Ischemic Stroke**

Mount Clemens Regional Medical Center

Mount Clemens, MI

October 2011

**Grand Rounds: Interventional Neurology and Stroke**

Beaumont Grosse Pointe

Grosse Pointe Park, MI



December 2011

**Grand Rounds: Coagulation Cascade and potential reversal**

Mount Clemens Regional Medical Center

Mount Clemens, MI

June 2012

**Perfusion and Reperfusion Injury: Clinical Presentation, Treatment, Avoidance, and Neurocritical Care Strategies**

Beaumont Grosse Pointe

Grosse Pointe Park, MI

July 2014

**Current Interventional Strategies in Acute Ischemic Strokes**

Broward Health Medical Center Grand Rounds

Fort Lauderdale, FL

June 2015

**Interventional Management of Acute Ischemic Stroke Based on Current Evidence**

Broward Health Medical Center Grand Rounds

Fort Lauderdale, FL

July 2015

**Pediatric Strokes**

Pediatric Grand Rounds – Broward Health Medical Center

Fort Lauderdale, FL

July 2016

**Neurologic Manifestations of Fat Embolism Syndrome**

Trauma Grand Rounds

Broward Health North

Pompano Beach, FL

September 2016

**Interventional Neurology: A Bridge Between Neurology, Radiology, and Neurosurgery**

Broward Health Medical Center Grand Rounds

Fort Lauderdale, FL

January 2017

**Pediatric Strokes: Detection, Prevention, and New Treatment Strategies**

Pediatric Grand Rounds – Broward Health Medical Center

Fort Lauderdale, FL

February 2017

**Neuroendovascular Management of Head and Neck Trauma**

Broward Health Medical Center – Trauma Grand Rounds

Fort Lauderdale, FL

August 2017

**Posterior Circulation Strokes**

Broward Health Medical Center – ER Grand Rounds

Fort Lauderdale, FL

LANGUAGE SKILLS

Fluent: **Portuguese (native language), English, Spanish, German, French, and Italian**

*WORK EXPERIENCE*

**January to December, 1994**

**Intermedica Sistemas de Saúde - Brazil**

Family Practice/ Urgent Care

Sao Paulo, Brazil

**July to December, 1995**

**Amico Assistencia Medica - Brazil**

Family Practice/ Urgent Care

Sao Paulo, Brazil

**7/1/2006 to 8/26/2008**

**Assistant Professor of Neurosurgery**

University of Illinois at Chicago (Provena St Joseph's Medical Center)

University of Illinois at Chicago

Chicago, IL

**11/1/2008 to 6/30/2009**

**Neurologist**

**Associates in Neurology**

Advocate Trinity Hospital

Chicago, IL

**7/1/2009 till 2/16/2010 (3 weeks a month, in between Visiting Fellowship training in Interventional Neurology)**

**Neurologist**

South Suburban Neurology

Ingalls Memorial Hospital (Harvey, IL), St James Hospitals (Olympia Fields and Chicago Heights, IL campuses)

**2/25/2010 till 2/28/2011 (in between visiting fellowship training, after 2/16/2010)**

Weatherby Locums

**Neurologist**

Aspirus Hospital – Wausau, WI (Locum Tenens)

Marshfield Clinic – Minocqua, WI (Locum Tenens)

**3/01/2011 till 03/2014**

**Michigan Neurology Associates**

**Neurologist/Interventional Neurologist**

Mount Clemens Regional Medical Center, Michigan

St John Hospital, Michigan

Henry Ford Macomb Hospital

Beaumont Grosse Pointe Hospital

Oakwood Hospital

**04/2014 till present**

**Broward Health**

**Neurologist/Interventional Neurologist**

Broward Health Medical Center

Broward Health North

Broward Health Imperial Point

Broward Health Coral Springs

#### *ACADEMIC APPOINTMENTS*

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**1991 - 1993**

**Academic President**

League Against Headache and Craniofacial Pain

Hospital das Clínicas of the University of São Paulo, Brazil

July 1<sup>st</sup>, 2002 to June 30<sup>th</sup>, 2003

**Academic and Administrative Chief Resident**

Department of Neurology

Albany Medical Center

Albany, NY

**7/1/2006 till 8/26/2008**

**Assistant Professor of Neurosurgery**

Department of Neurosurgery

University of Illinois at Chicago

Chicago, IL

**7/1/2012 till 3/7/2014**

**Oakwood University Osteopathic Medicine**  
Assistant Professor of Neurology

**3/1/2013 till 3/7/2014**

**Director, Interventional Neurology Fellowship Program**

**McLaren Macomb Hospital**

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*GAPS IN TRAINING, MISCELLANEOUS INTERVALS NOT EXPLAINED BY WORK HISTORY*

**06/24/1993 till 12/1993**

Preparation for USMLE Steps I and II, TOEFL test, and residency admission examination to University of Sao Paulo's Neurosurgery Residency

**8/27/2008 till 10/30/2008**

Preparation for International Masters in Interventional Neuroradiology examination in Thailand

Visiting lecturer in Brazil for University of Sao Paulo Medical School

## PUBLICATIONS

### PEER REVIEW JOURNALS (PUBLISHED)

1. **Agner C**, Souza CRS, Bakhit S - "Mucociliary transport: clinical implications and research methods" (in Portuguese) *Rev Med* 70: 24-27, 1991
2. Teixeira MJ, Yeng LT, Hideko H, Kaziyama S, **Agner C**- "Cervicogenic Headache" (in Portuguese) *Arq Bras Neurocirurg* 12: 273-291, 1993
3. Teixeira MJ, Yeng LT, Oliveira Junior JO, **Agner C**, Casarolli C, Shu EBS - "Eagle's syndrome" (in Portuguese). *Arq Bras Neurocirurg* 13(2): 57-63, 1994
4. Pimenta CAM, Teixeira MJ, Correa CF, **Agner C**, Casarolli C, Shu EBS - "Peridural analgesia systems"(in Portuguese) *Arq Bras Neurocirurg* 13: 15-19, 1994
5. Aguiar PHP, Altieri CE, **Agner C**, Erhart EA, Silva CF, Bitencourt JC, Teixeira MJ - "Morphological variations of the circle of Willis" (in Portuguese) *Arq Bras Neurocirurg* 13(4): 154-158, 1994.
6. Dujovny M, **Agner C**, Misra M, Kherli P - "Transcranial cerebral oximetry - window to the brain" (in Spanish) - *Rev Chil Med* (1996).
7. Dujovny M, **Agner C**, Aviles A, Rao NG, Gaviria M - "Clinical cerebral blood flow evaluation with Xenon/CT" (in Spanish) - *Rev Chil Neuro-Psiquiat.*35: 43-46, 1997.
8. **Agner C**, Misra M, Dujovny M, Kherli P, Alp S, Ausman JI - "Clinical applications of transcranial cerebral oximetry" (in Portuguese) - *Arq Bras Neurocirurg* 16(2): 77-85, 1997.
9. **Agner C**, Dujovny M, Misra M, Alp MS - Balloon occlusion test - *Crit Rev Neurosurg* 7: 333-341, 1997.
10. **Agner C**, McConathy DA, Dujovny M - Evaluation of autogenic, xenogenic, and alloplastic materials used for cranioplasty - *Crit Rev Neurosurg* 7: 365-372, 1997.
11. Dujovny M, Aviles A, **Agner C** - An innovative approach for cranioplasty using hydroxyapatite cement. *Surg Neurol* 43, 1997.
12. Dujovny M., Aviles A, **Agner C**, Fernandez P, Charbel FT: Cranioplasty: Cosmetic or therapeutic? *Surg Neurol* 43: 238-241, 1997.
13. Dujovny M, **Agner C**- The use of high power drills in spinal stenosis - *Neurol Res* 19: 219-221, 1997.
14. **Agner C**, Misra M, Dujovny M - Transcranial cerebral oximetry - *Crit Rev Neurosurg* 7: 45-51, 1997.

15. **Agner, C**, Dujovny, M, Gaviria, M, Taweessin, V - Cerebral hemodynamics and cognitive analysis in large cranial defects. *Psychline* 2: 41-43, 1998.
16. **Agner C**, Dujovny M - Xenon-CT anatomical and quantitative cerebral blood flow - *Crit Rev Neurosurg* 8: 41-49, 1998.
17. Vasquez\_loayza M, Dujovny M, **Agner C**, Misra M, Ausman JI - Microsurgical anatomy of the short central artery - *Neurol Res* 20:209-217, 1998.
18. **Agner C**, Dujovny M, Evenhouse R, Charbel FT, Sadler L - Stereolithography for posterior fossa cranioplasty. *Skull Base Surgery* 8(2): 81-86, 1998.
19. Dujovny M, **Agner C**, Aviles, A - Syndrome of the trephined: news and facts -*Crit Rev Neurosurg* 9: 271-278, 1999.
20. Karol EA, **Agner C** - Technological advances in the management of trigeminal neuralgia. *Crit Rev Neurosurg* 9: 70-78, 1999
21. Karol EA, **Agner C**, Sokolovsky M, and Leston J - Trigeminal neuralgia: short communication. *Psychline* 3: 34, 2000
22. **Agner C**, Yeomans, DC, Dujovny, M - The neurochemical bases for the applications of the greater omentum in Neurosurgery. *Neurol Res*, 23: 7-16, 2001.
23. Aguiar PHP, **Agner C**, Freitas AB, Yamaguchi N - Unusual Brain Metastases from Papillary Thyroid Carcinoma: case report. *Neurosurgery* 49: 1008-1013, 2001.
24. Park HK, Dujovny M, **Agner C**, Diaz FG - Biomechanical properties of calvarium prosthesis. *Neurol Res* 23: 267-276, 2001
25. **Agner C**, Dujovny M - Therapeutic applications of the greater omentum in the central nervous system. *Psychline* 3: 33-34, 2001.
26. Aguiar PHP, **Agner C**, Simm R, Freitas AB, Tsanaclis AMC, Plese JPP - p53 protein expression in Meningiomas: a clinicopathological study of 55 patients. *Neurosurg Rev* 25:252-257, 2002.
27. **Agner C**, Dujovny M, Gaviria M - Neurocognitive analysis before and after cranioplasty - case report and review of the literature. *Acta Neurochir* 144:1033-1040, 2002.
28. Perez-Arjona E, Dujovny M, ParkH, Kulyanov D, Glaniuk A, **Agner C**, Michael D, Diaz FG – Stereolithography: neurosurgical and medical implications. *Neurol Res* 25: 227-236, 2003.
29. **Agner C**, Dujovny M, Park H – Delayed minimally invasive cranioplasty. *Min Inv Neurosurg* 46: 186-190, 2003.

30. Tella Jr. OI, **Agner C**, Herculano MA, Prandini MN, Stavile JN – Aggressive management of orbital meningeal melanocytoma: case report and review of the literature. *Acta Neurochirurgica* 145 (12): 1121-1126, 2003.
31. Dujovny M, Ding YH, Ding Y, **Agner C**, Arjona EP – Current concepts on the presence of neurotrophins in the greater omentum. *Neurol Res* 26: 226-229, 2004.
32. **Agner C**, Dujovny M – Neurotrophins and the omentum – a clue to a potential role for management of degenerative diseases of the nervous system. *Psychline*, 2004.
33. **Agner C**, Weig S – Arterial dissection secondary to child abuse - Case report and review of the literature. *Childs Nerv Syst* 21: 416-420, 2005.
34. Deshaies EM, Bagla, S, **Agner C**, Boulos AS – Determination of the Hydrocoil<sup>®</sup> aneurysm filling volumes utilizing 3D-CT Angiography. *Neurosurgical Focus*, March 2005.
35. **Agner C**, Deshaies E, Bernardini GL, Boulos AS – Coronary Angiojet catheterization for the management of dural venous sinus thrombosis – technical note. *J Neurosurg* 103: 368-371, 2005.
36. **Agner C**, Dujovny M, Yeomans DC – Attenuation of pain perception after transposition of the greater omentum to the cauda equina region of rats--a preliminary observation. *Neurol Res*. 2005 Sep;27(6):598-608.
37. Boulos AS, **Agner C**, Deshaies EM – Preliminary Evidence Supporting the Safety of Drug-Eluting Stents in Neurovascular Disease. *Neurol Res (Suppl 1)* 27: 95-102, 2005.
38. Tella Jr OI, Silva LRF, Stavale JN, Herculano MA, Neto MA, and **Agner C** – Aggressive intracranial fibromatosis – Case report and review of the literature. *Arg Neuropsychiatria* 64:516-519, 2006.
39. Edgel RC, Yavagal DR, **Agner C**, Adamo M, Boulos AS – Revascularization of extracranial internal carotid artery near occlusion with proximal and distal protection – technical case report. *Neurosurgery*, July 61(1), 174, 2007.
40. Piske, RL, Kanashiro LH, Paschoal E, **Agner, C**, Lima, S, Aguiar, PH - Evaluation of Onyx Embolic Agent in the Treatment of 84 Wide-Neck Intracranial Aneurysms. *Neurosurgery* 64: 865-75, 2009.
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